

REMARKS

Claims 1-8 are rejected. Claim 5 has been amended. Claim 1 is an independent claim. Claims 1-8 are now pending.

The abstract of disclosure stands objected to for failing to be present in a narrative form and in excess of 150 words. In response, applicants have amended abstract of disclosure to read in a narrative form and have further summarized the invention.

Accordingly, applicants respectfully request withdrawal of this ground of objection.

Claims 5, 6 and 7 stand objected to for informalities. In response, applicants have corrected the typo in claim 5 as suggested by the Examiner.

Therefore, applicants respectfully request withdrawal of this ground of objection.

Claims 1 and 3-5 stand rejected under 35 USC § 102(b) as allegedly being anticipated by Lehman (US 4,763,317).

Claim 1 recites a system for integrating broadcast and communication technologies, comprising, *inter alia*,

an OLT for . . . **combining** the converted signals in the form of an optical signal, and transmitting the optical signal according to an optical wavelength-division multiplexing (WDM);

an optical-network unit (ONU) for *separating* the optical signal transmitted from the OLT into the broadcast signal and the communication signal and transmitting the broadcast signal selected by a user and the communication signal in a predetermined

time slot . . . a user gateway for distributing the optical-signal output from the ONU to the user.

The Office Action indicates that features in claim 1 are anticipated by Lehman. However, the Office Action wrongfully identifies reference character 103 in FIG. 1 as an ONU when in fact it is clearly labeled a “Remote Node.” Lehman’s Remote Node is an “intermediate” node between the local central node 110 and a ‘distribution pedestal’ 109. Referring to FIG. 9, Lehman describes its remote node as “perform[ing] multiplexing and demultiplexing functions for voice and data channels 206 and performs certain limited switching functions (fanout and user channel changing) for video channels 205” (Col. 17, lines 65-68). Therefore, Lehman’s Remote Node does not operate as the ONU of the present invention as it fails to “*separate* the optical signal transmitted from the OLT into the broadcast signal and the communication signal and transmitting the broadcast signal selected by a user and the communication signal in a predetermined time slot”, as recited in the base claim.

Moreover, Lehman’s ‘network interface equipment 104’ located in the premises of subscribers 102 is not a user gateway for distributing the optical-signal output from the ONU to the user as recited in the base claim. It is not even disclosed that the device acts as a gateway. Lehman’s ‘network interface equipment 104’ is described in Col. 15, lines 44-59 in reference to FIG. 8 as providing a number of features but does not disclose a user gateway for distributing the optical-signal output from the ONU to the user, as recited in the base claim.

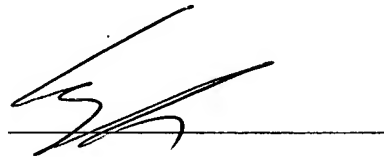
Therefore, Lehman fails to anticipate the present invention as it fails to show at least two features recited in the base claims. Applicants respectfully request withdrawal

of this ground of rejection base upon the amendment to the base claim and the above comments.

The other claims in this application are each dependent from the independent claim discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of the patentability of each on its own merits is respectfully requested.

For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,



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